

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139907.D
 Acq On : 21 Oct 2024 17:11
 Operator : RC/JU
 Sample : P4410-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MSD

Quant Time: Oct 21 17:50:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	138355	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	475093	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	214808	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356502	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252741	20.000	ng	0.00
86) Perylene-d12	15.533	264	212749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	220535	24.954	ng	0.00
7) Phenol-d6	6.498	99	267049	23.330	ng	-0.01
23) Nitrobenzene-d5	7.445	82	151117	17.629	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	44155	21.976	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	264855	20.378	ng	0.00
79) Terphenyl-d14	12.998	244	266331	17.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	41313	10.026	ng	98
3) Pyridine	3.440	79	102273	10.013	ng	98
4) n-Nitrosodimethylamine	3.369	42	59830	10.903	ng	98
6) Aniline	6.545	93	60839	5.703	ng	99
8) 2-Chlorophenol	6.669	128	98030	10.850	ng	98
9) Benzaldehyde	6.440	77	25013	3.884	ng	97
10) Phenol	6.516	94	130864m	11.090	ng	
11) bis(2-Chloroethyl)ether	6.616	93	100803	11.052	ng	98
12) 1,3-Dichlorobenzene	6.828	146	110058	10.612	ng	100
13) 1,4-Dichlorobenzene	6.910	146	112628	10.870	ng	97
14) 1,2-Dichlorobenzene	7.057	146	105302	10.889	ng	98
15) Benzyl Alcohol	7.022	79	89828	10.698	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	165049	10.612	ng	99
17) 2-Methylphenol	7.128	107	80067	10.393	ng	98
18) Hexachloroethane	7.404	117	34369	9.302	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	74663	10.755	ng	98
20) 3+4-Methylphenols	7.281	107	105833	10.740	ng	95
22) Acetophenone	7.292	105	141916	12.196	ng	96
24) Nitrobenzene	7.463	77	103192	10.980	ng	99
25) Isophorone	7.704	82	184038	11.312	ng	99
26) 2-Nitrophenol	7.781	139	39777	11.219	ng	99
27) 2,4-Dimethylphenol	7.816	122	78760	13.322	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	112982	11.462	ng	99
29) 2,4-Dichlorophenol	8.022	162	69501	10.321	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	76373	10.250	ng	99
31) Naphthalene	8.192	128	274834	11.217	ng	99
32) Benzoic acid	7.863	122	35729	6.929	ng	98
33) 4-Chloroaniline	8.234	127	48103	5.757	ng	99
34) Hexachlorobutadiene	8.310	225	49809	10.639	ng	98
35) Caprolactam	8.563	113	20556	9.600	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	69957	9.382	ng	98
37) 2-Methylnaphthalene	8.881	142	159164	10.607	ng	98
38) 1-Methylnaphthalene	8.981	142	147316	10.006	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	68219	11.772	ng	99
41) Hexachlorocyclopentadiene	9.039	237	7597	3.768	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	46729	11.389	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	41846	9.885	ng	97
46) 1,1'-Biphenyl	9.345	154	184437	12.334	ng	99
47) 2-Chloronaphthalene	9.369	162	136713	11.351	ng	100
48) 2-Nitroaniline	9.457	65	41582	11.288	ng	98
49) Acenaphthylene	9.786	152	207349	11.908	ng	100
50) Dimethylphthalate	9.639	163	165582	12.375	ng	99
51) 2,6-Dinitrotoluene	9.698	165	30555	10.547	ng	99
52) Acenaphthene	9.957	154	127173	11.290	ng	100
53) 3-Nitroaniline	9.869	138	25886	8.665	ng	99
54) 2,4-Dinitrophenol	9.969	184	4007	9.585	ng	# 1
55) Dibenzofuran	10.128	168	181204	11.213	ng	98
56) 4-Nitrophenol	10.010	139	45734	19.898	ng	96
57) 2,4-Dinitrotoluene	10.104	165	33554	9.418	ng	# 98
58) Fluorene	10.475	166	142042	11.540	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33773	10.177	ng	# 100
60) Diethylphthalate	10.339	149	149515	11.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	68195	10.971	ng	99
62) 4-Nitroaniline	10.475	138	29212	10.353	ng	96
63) Azobenzene	10.627	77	148501	10.662	ng	93
65) 4,6-Dinitro-2-methylph...	10.504	198	3908	2.687	ng	# 75
66) n-Nitrosodiphenylamine	10.580	169	124755	11.692	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	40450	11.014	ng	96
68) Hexachlorobenzene	11.022	284	40525	9.811	ng	97
69) Atrazine	11.104	200	39302	13.598	ng	99
70) Pentachlorophenol	11.210	266	48249	19.247	ng	97
71) Phenanthrene	11.433	178	233486	13.865	ng	98
72) Anthracene	11.486	178	209077	12.725	ng	99
73) Carbazole	11.639	167	182785	11.962	ng	99
74) Di-n-butylphthalate	11.974	149	220259	12.476	ng	99
75) Fluoranthene	12.627	202	281135	16.514	ng	99
77) Benzidine	12.745	184	32740	7.878	ng	96
78) Pyrene	12.857	202	316907	14.325	ng	99
80) Butylbenzylphthalate	13.474	149	90552	13.653	ng	99
81) Benzo(a)anthracene	14.039	228	227719	13.841	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	40814	8.508	ng	98
83) Chrysene	14.074	228	187910	12.457	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	120668	16.216	ng	# 99
85) Di-n-octyl phthalate	14.651	149	186625	13.788	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	133341	9.742	ng	99
88) Benzo(b)fluoranthene	15.098	252	165071	12.737	ng	97
89) Benzo(k)fluoranthene	15.121	252	140929	12.609	ng	97
90) Benzo(a)pyrene	15.468	252	141116	13.233	ng	96
91) Dibenzo(a,h)anthracene	17.045	278	106050	9.288	ng	99
92) Benzo(g,h,i)perylene	17.474	276	98795	8.663	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

